

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L17	1549	257/310.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/08 11:18
L18	287	117 and (hafnium oxide or "hfo.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 11:18
L19	17	118 and ("alon" or "AlO.sub.xN.sub.y" or "aln")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 11:19
L20	4	119 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 11:19
L21	862	117 and (highk or high-k or high dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 11:20
L22	734	121 and (nitrogen or nitri\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 11:21

L23	714	22 and silic\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 11:21
L24	103	22 and (silic\$5 near3 (highk or high-k or high dielectric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 11:22
L25	55	24 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 11:22
L26	1073	257/E21.639.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/08 12:38
L27	287	18 and (hafnium oxide or "hfo.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:38
L28	17	19 and ("alon" or "AlO.sub.xN.sub.y" or "aln")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:38
L29	4	28 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:38

L30	1863	438/240.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/08 12:41
L31	384	30 and (hafnium oxide or "hfo.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:41
L32	51	31 and ("alon" or "AlO.sub.xN.sub.y" or "aln")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:41
L33	27	32 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:42
L34	1594	(26 or 30) and (highk or high-k or high dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:46
L35	1426	34 and (nitrogen or nitri\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:47
L36	938	35 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:48

L37	142	36 and (silic\$5 near3 (highk or high-k or high dielectric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/08 12:48
S63	1	(10/550645).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 14:09
S64	24659	438/142,149,151-154,167,169,172,174,178,197,199,201,211,216,240,257,261,263-264,287,591,594,682,FOR202.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/21 12:01
S65	36751	257/190-195,201-202,211,213,288,314-316,324-327,368-369,409-413,E51.006,E27.06,E27.108,E29.126,E29.129,E29.13,E29.137,E29.14,E29.158,E29.16,E29.228,E21.457.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/21 12:04
S66	33653	(S64 or S65) and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 12:06
S67	2	S66 and (("alon" or "AlO.sub.xN.sub.y" or "aln") same (hafnium oxide or "HfO.sub.2") same (gate near (insulat\$4 or dielectric\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 12:07
S68	83	S66 and (("alon" or "AlO.sub.xN.sub.y" or "aln") and (hafnium oxide or "HfO.sub.2") and (gate near (insulat\$4 or dielectric\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 12:35

S69	5	((("alon" or "AlO.sub.xN.sub.y" or "aln") and ((hafnium oxide or "HfO.sub.2") same (gate near (insulat\$4 or dielectric\$2)) same ((anneal\$3 or heat\$4 or thermal\$2) same (silicid \$5))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 12:49
S70	447	((((hafnium oxide or "HfO.sub.2" or high-k or high k) same (gate near (insulat\$4 or dielectric \$2)) same ((anneal\$3 or heat\$4 or thermal\$2) same (silicid\$5))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 13:08
S71	131	(S70) and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 13:09
S72	85	((hafnium oxide or "HfO.sub.2" or high-k or high k) with (gate near (insulat\$4 or dielectric \$2)) with (silicid\$5) with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 13:15
S73	40	(S72) and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 13:15
S74	1410	((hafnium oxide or "HfO.sub.2" near2 ((silicid\$5))) with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 13:18
S77	294	((hafnium oxide or "HfO.sub.2" near2 ((silicidation or siliciding or silicidazation or silicide))) with substrate with (gate near (insulat\$4 or dielectric)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 13:20

S78	106	(S77) and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/21 13:21
S79	1178	(hafnium oxide or "hfo.sub.2") and ("aln" or aluminum nitride or "alo.sub.xn.sub.y") and silicate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:03
S80	229	(hafnium oxide or "hfo.sub.2") same ("aln" or aluminum nitride or "alo.sub.xn.sub.y") same silicate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:04
S81	77	S80 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:05
S82	1893	(highk or high-k or high dielectric) same (nitrid\$6) same silicate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:18
S83	1	(10/550645).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/07 11:20
S84	0	(hafnium oxide or "hfo.sub.2") with ("aln" or aluminum nitride or "alo.sub.xn.sub.y") with diffus\$3 supress\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:24

S85	14	(hafnium oxide or "hfo.sub.2") with ("aln" or aluminum nitride or "alo.sub.xn.sub.y") with diffus\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:24
S86	10	S85 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:24
S87	55	(hafnium oxide or "hfo.sub.2") with (over or between) with ("aln" or aluminum nitride or "alo.sub.xn.sub.y")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:27
S88	19	S87 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:27
S89	2	("6734510").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/07 11:33
S90	110	((("alon" or "AlO.sub.xN.sub.y" or "aln") and ((hafnium oxide or "HfO.sub.2") same (gate near (insulat\$4 or dielectric\$2)) same ((anneal\$3 or heat\$4 or thermal\$2))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:39
S91	10	S90 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:39

S92	19	barrier with between with two with (highk or high-k or high dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:48
S93	10	S92 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:48
S94	5	S92 and ("alon" or "AlO.sub.xN.sub.y" or "aln")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:51
S95	0	S94 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 11:51
S96	2	("20020130340").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/07 11:55
S97	2	("20020195643").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/07 12:00
S98	217	(tominaga near koji).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/07 12:09

S99	49	(iwamoto near kunihiko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/07 12:09
S100	49	(yasuda near tetsuji).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/07 12:09
S101	99	(nabatame near toshihide).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/07 12:10
S102	333	S98 or S99 or S100 or S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/07 12:10
S103	78	S102 and (highk or high-k or high dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 12:10
S104	45	S103 and (hafnium oxide or "hfo.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 12:11
S105	14	S104 and ("aln" or aluminum nitride or "alo.sub.xn.sub.y")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 12:11

S106	78152	(horiba or renesas or rohm).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 12:34
S107	344	S106 and (hafnium oxide or "hfo.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 12:34
S108	339	S106 and ("aln" or aluminum nitride or "alo.sub.xn.sub.y")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 12:35
S109	20	S107 and S108	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 12:35
S110	7	((("alon" or "AlO.sub.xN.sub.y" or "aln") same (hafnium oxide or "HfO.sub.2") same (gate near (insulat\$4 or dielectric\$2))).cm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 12:41
S111	27	((nitrogen or nitri\$5) same (metal) same (diffus\$3) same (highk or high-k or high dielectric)).cm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/07 13:14
S112	2	("6967154").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/07 13:17

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L39	3303	257/310,324-325,406,411,E21.639.ccls.	USPAT; UPAD	OR	ON	2011/06/08 13:03
L40	3421	438/216,240,261,287,591.ccls.	USPAT; UPAD	OR	ON	2011/06/08 13:04
L41	6126	39 or 40	USPAT; UPAD	OR	ON	2011/06/08 13:04
L42	2510	41 and (highk or high-k or high dielectric)	USPAT; UPAD	ADJ	ON	2011/06/08 13:04
L43	537	42 and (silic\$5 near3 (highk or high-k or high dielectric))	USPAT; UPAD	ADJ	ON	2011/06/08 13:04
L44	270	43 and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	USPAT; UPAD	ADJ	ON	2011/06/08 13:05
L45	254	44 and (nitrid\$5 or nitrogen)	USPAT; UPAD	ADJ	ON	2011/06/08 13:05
L46	25	45 and ("alon" or "AlO.sub.xN.sub.y" or "aln") and (hafnium oxide or "HfO.sub.2")	USPAT; UPAD	ADJ	ON	2011/06/08 13:05
S113	21	(tominaga near koji).in.	USPAT; UPAD	OR	ON	2011/06/07 12:37
S114	8	(iwamoto near kunihiro).in.	USPAT; UPAD	OR	ON	2011/06/07 12:37
S115	8	(yasuda near tetsuji).in.	USPAT; UPAD	OR	ON	2011/06/07 12:38
S116	32	(nabatame near toshihide).in.	USPAT; UPAD	OR	ON	2011/06/07 12:38
S117	52	S113 or S114 or S115 or S116	USPAT; UPAD	OR	ON	2011/06/07 12:38
S118	15	S117 and (hafnium oxide or "HfO.sub.2")	USPAT; UPAD	ADJ	ON	2011/06/07 12:38

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